CFD Seg No

CONTRL

Hardware Register

+

LM Command

CHANNEL #n

LM CONTEXT BASE ptr.

202 -

LM

Command

Queue

Local Memory Data Descriptors

LM Channel Context Descriptor

(LM CCD)

CHANNEL #n Local Memory

Frame Descriptor pointer

Current LM Address

Bytes remaing in Segment

(24 bits)
Bytes remaining in Transfer

(24 bits)

,224

Last

Seg No

Segment

(SD)

Descriptor

3

5

6

PCI Frame Overrun

LM Frame Overrun

PCI Abort Error during transfer

PCI Parity Error during transfer (PCI Read Only)

LM Frame Descriptor (FD)

Segment 0 pointer

Segment N pointer

Reserved

Segment 0 pointer

Segment N pointer

,224

Bytes remaing in last

Segment (24 bits)

Segment 0 size

(24bits)

Segment N size

(24bits)

225

Bytes remaing in last

Segment (24 bits)

Segment 0 size

Segment N size

(24bits)

N 221

N= 222

-221

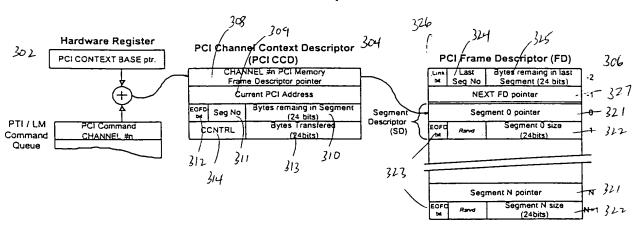
1 222

N 221

+ 222

Fig. 2





PTI Chanel Control byte (PTI CCNTRL)

IRQ per Seg	Dump Data	Soft Flag1	Soft Flag0	Corr	mand Con	npletion S	itatus
7	6	. 5	4	3	2	1	0

Command Completion Status

	Command Completion Ctatas				
0	Reserved I Unused Channel				
1	Completed with No Errors				
2	Zero bytes in "Transfer size" field in CCD (LM only)				
3	Zero bytes in *Segment size* field in FD				
4	PCI Frame Overrun				
5	LM Frame Overrun				
6	Unit Start Indicator detected				
7	PCI Abort Error during transfer				
8	PCI Parity Error during transfer (PCI Read Only)				
9-F	Reserved				

Fig. 3